



Instituto Geográfico Nacional  
CENTRO NACIONAL DE INFORMACIÓN GEOGRÁFICA



Status Spain



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[www.ign.es](http://www.ign.es)



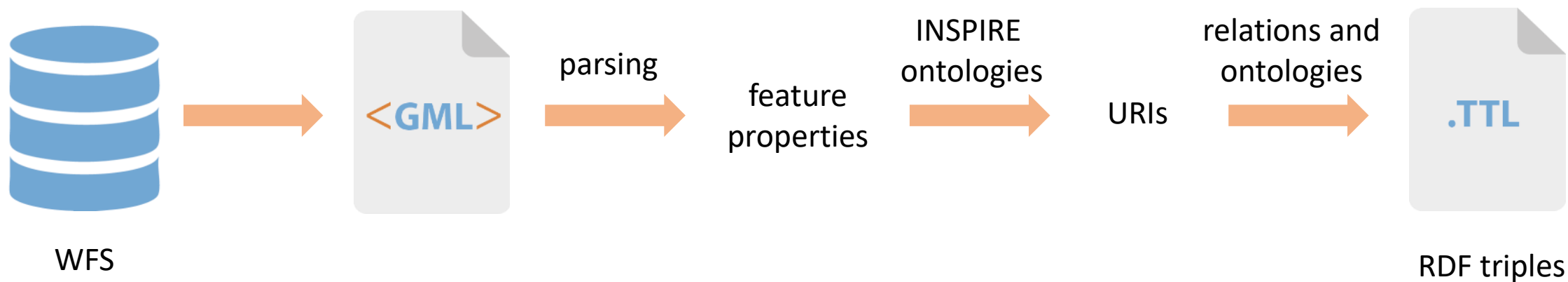
SDI.Next: Linked Spatial Data in Europe



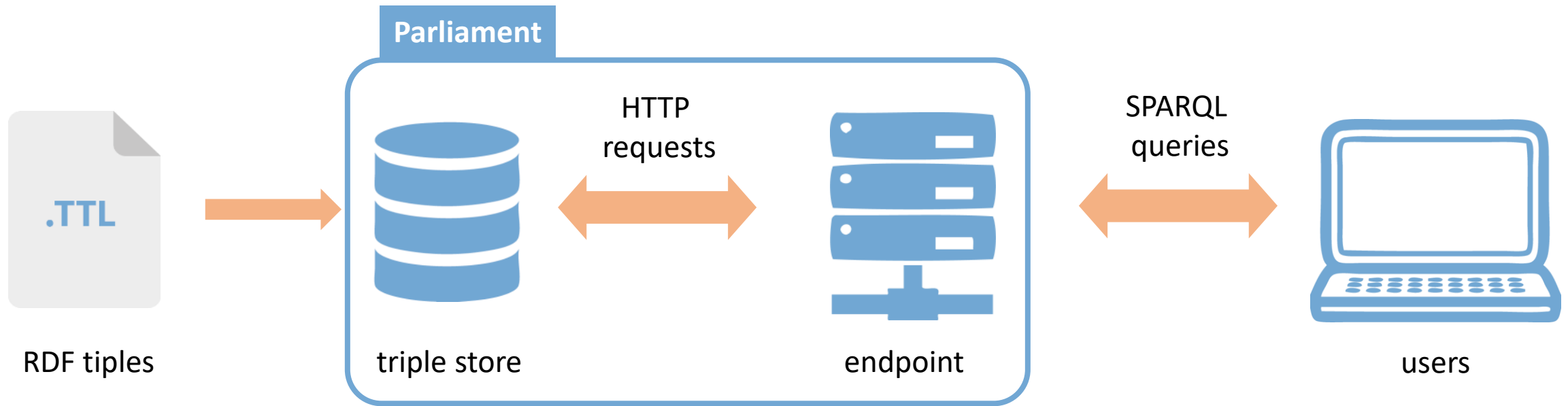
Amersfoort, March 12<sup>th</sup> 2019



# Transformation workflow



Namespace	Feature type	Features	Triples	Size
AU	AdministrativeUnit	8.290	220.435	148 MB
GN	NamedPlace	1.132.743	18.491.679	2,4 GB



<http://contenido.ign.es/parliament/>

# SPARQL endpoint



The screenshot shows a web browser window with the URL `contenido.ign.es/parliament/index.jsp`. The page title is "Parliament Query Server". It features a navigation menu with links: Query, Explore, SPARQL/Update, Insert Data, Export, Indexes, and Admin. Below this is a section for "Java Memory Usage (KB)" with a table showing heap and non-heap memory usage. The table has columns for Type, Heap, and Non-Heap. The data shows "Used" memory at 139019 KB for heap and 69678 KB for non-heap, and "Max" memory at 1864192 KB for heap and 0 KB for non-heap. Below the table is a "Graphs" section with links to "Default Graph", "http://contenido.ign.es/openels/au", "http://contenido.ign.es/openels/qn", "http://parliament.semwebcentral.org/parliament#MasterGraph", and "urn:x-arg:DefaultGraph". At the bottom, it states "SPARQL is defined by 3 documents:" and lists links for "SPARQL query language", "SPARQL protocol", and "SPARQL XML results format".

Restart

contenido.ign.es/parliament/index.jsp

## Parliament Query Server

### Operations

- [Query](#)
- [Explore](#)
- [SPARQL/Update](#)
- [Insert Data](#)
- [Export](#)
- [Indexes](#)
- [Admin](#)

### Java Memory Usage (KB)

Type	Heap	Non-Heap
Used	139019	69678
Max	1864192	0

### Graphs

[Default Graph](#)

<http://contenido.ign.es/openels/au>

<http://contenido.ign.es/openels/qn>

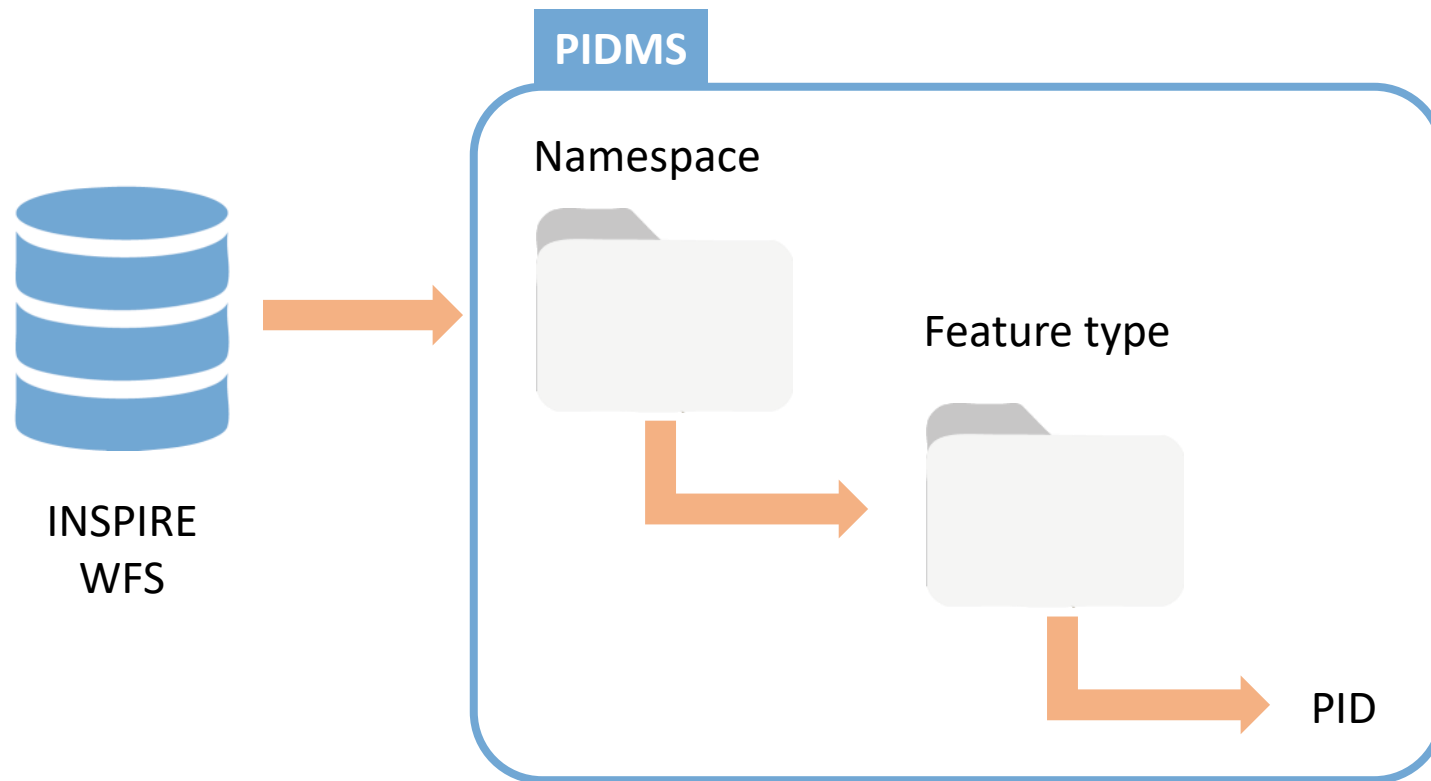
<http://parliament.semwebcentral.org/parliament#MasterGraph>

<urn:x-arg:DefaultGraph> Default Graph

SPARQL is defined by 3 documents:

- [SPARQL query language](#)
- [SPARQL protocol](#)
- [SPARQL XML results format](#)

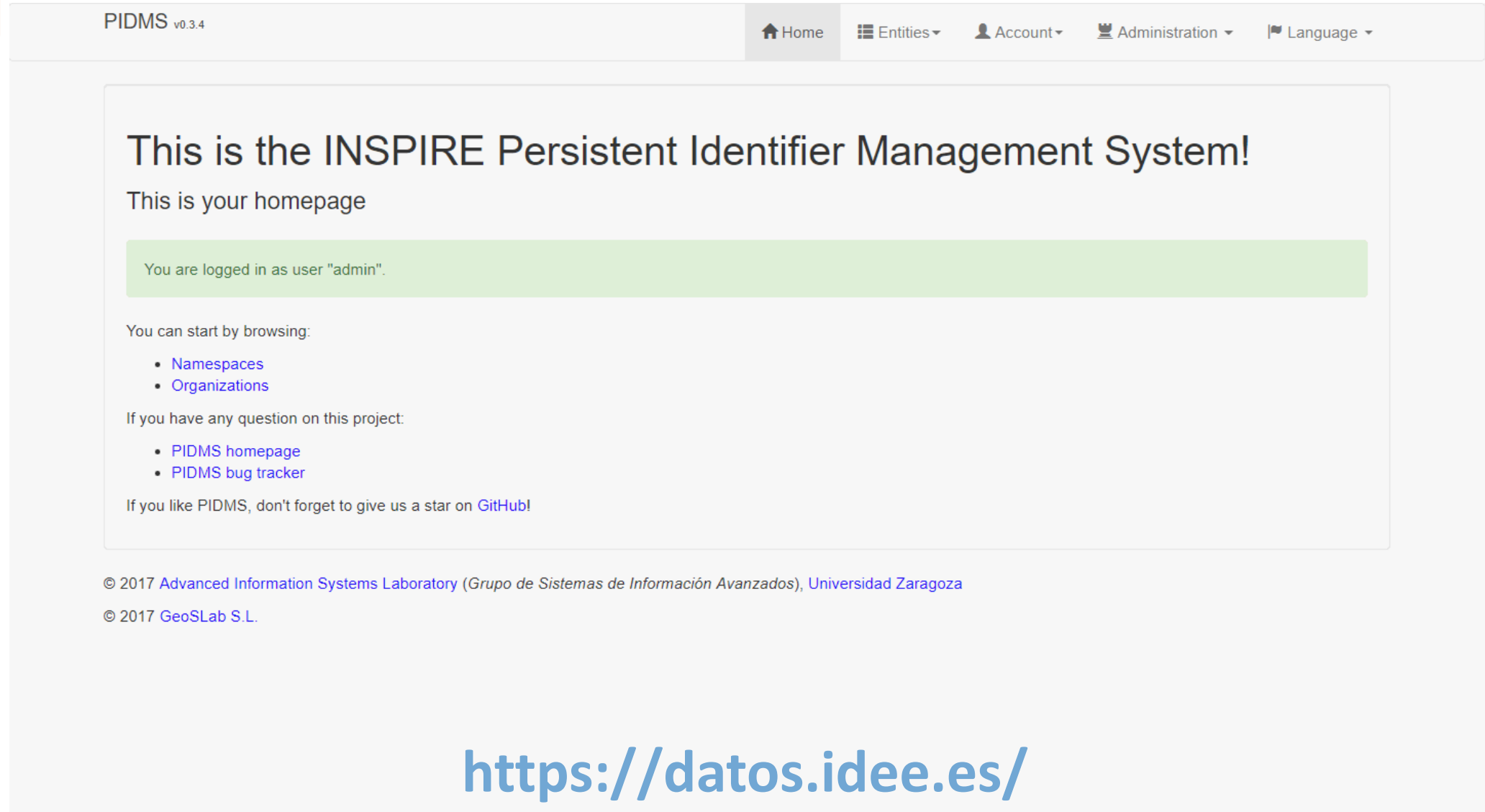
# http://contenido.ign.es/parliament/



Namespace	Feature type	PIDs
AU	AdministrativeUnit	8.290
GN	NamedPlace	1.132.743

<https://datos.idee.es/>

# Dereferencing system



The screenshot shows the PIDMS v0.3.4 web interface. At the top is a navigation bar with links for Home, Entities, Account, Administration, and Language. The main content area features a large heading 'This is the INSPIRE Persistent Identifier Management System!' followed by 'This is your homepage'. A green box indicates the user is logged in as 'admin'. Below this, there are links to 'Namespaces' and 'Organizations'. Further down, there are links to 'PIDMS homepage' and 'PIDMS bug tracker'. At the bottom of the main content area, there is a note about giving a star on GitHub. The footer of the interface contains copyright information for 2017, mentioning the Advanced Information Systems Laboratory and GeoSLab S.L.

PIDMS v0.3.4

Home Entities Account Administration Language

## This is the INSPIRE Persistent Identifier Management System!

This is your homepage

You are logged in as user "admin".

You can start by browsing:

- [Namespaces](#)
- [Organizations](#)

If you have any question on this project:

- [PIDMS homepage](#)
- [PIDMS bug tracker](#)

If you like PIDMS, don't forget to give us a star on [GitHub](#)!

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# https://datos.idee.es/



- Relations between AU and GN with DBpedia and Geonames
- Linked Data of HY, TN and AD
- Relations between AU, GN, HY, TN and AD
- Improve the Parliament endpoint
  - GeoSPARQL - index
  - webmap for query results
  - query assistant
- Improve of PIDMS
  - PID locator and filters
  - Define Production workflow
- IGN as coordinator of Geo Linked Data in Spain



- Parliament

<http://parliament.semwebcentral.org/>

- PIDMS

<https://github.com/IAAA-Lab/pid-ms>

- OpenELS DataStories

<https://data.labs.pdok.nl/stories/OpenELS/>



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**GRACIAS**  
POR SU ATENCIÓN